

Recognising Functions

By plotting suitable functions on your GDC match up the pictures below with the functions in the table:

| Function | Image | Function | Image |
|----------------------|-------|----------------------|-------|
| $y = -3x + 5$ | | $y = 3\sin x + 2$ | |
| $y = \tan(0.4x)$ | | $y = 3x - 7$ | |
| $y = -4x^2 + 2x + 3$ | | $y = e^x - 2$ | |
| $y = x^3 - 2x - 5$ | | $y = \ln(x - 2)$ | |
| $y = \frac{3}{x}$ | | $y = -x^3 + x^2 + 3$ | |

